



Indiana Department of Environmental Management  
Office of Air Management  
**Rule Fact Sheet**  
(April 12, 2001)

**Process Weight Rates**  
**99-265(APCB)**

**Overview**

This rulemaking concerns emissions limitations for process operations.

**Citations Affected**

Amends: 326 IAC 6-3

**Affected Persons**

Sources located in the state of Indiana that have process operations that emit particulate matter and the public in the vicinity of these sources.

**Potential Cost**

Potential cost is low. The rulemaking clarifies the existing rule. It does not require additional control efforts beyond those now required.

**Outreach**

Meeting with interested parties to solicit suggestions for process control technologies and work practices on June 1, 2000.  
Notification sent to interested parties of the publication of Second Notice/Draft Rule on February 1, 2001.

**Description**

In 1968 the Indiana Department of Environmental Management (IDEM) promulgated rules, found at 326 IAC 6-3, limiting particulate matter emissions for process operations. For the purposes of 326 IAC 6-3,

process operations include sand blasting, shot blasting, surface coating, grinding, and any other process that has the potential to emit particulate matter into the atmosphere.

The rule provides two equations for calculating allowable emission rates for process operations, one for process weight up to sixty thousand (60,000) pounds per hour (lbs/hr) and another for larger process weights. Process weights are based on the total weight of all materials introduced into any source operation. The rule provides a table, in 326 IAC 6-3-2(e), where emission rates are precalculated using the formulas for the range of process operations from 100 lbs to 6,000,000 lbs. Most process operations must comply with the emission rates calculated by the formulas, however, limits for operations at cement kilns and catalytic cracking units are set out separately in the rule. Sources may have more specific additional particulate matter limits set forth in 326 IAC 6-1 (nonattainment area particulate limitations) or 326 IAC 6-2 (particulate emissions limitations for sources of indirect heating).

The table's lowest listed process weight rate is 100 lbs/hr, and its allowable emission rate is 0.551 lb/hr. Emission limitations for process weights of less than 100 lbs/hr are not specifically identified in the table, but are not exempted from the rule. Emissions from

processes less than 100 lbs/hr can still be considerable. IDEM proposes to amend 326 IAC 6-3 to make clear that sources with process weight levels below 100 lbs/hr shall limit their particulate emissions to 0.551 lb/hr. The draft rule exempts very small operations and includes control methods and work practice standards, instead of use of the table, for surface coating, reinforced plastics composites fabricating operations and graphic arts operations. In addition, IDEM has also corrected several miscalculated rates in the table at 326 IAC 6-3-2(c).

action can be obtained by calling (800) 451-6027 (in Indiana), press 0 and ask for Patricia Troth, Rule Development Section, Office of Air Quality (or for extension 3-5681 or dial (317) 232-5681.

### **Consideration of Factors Outlined in Indiana Code 13-14-8-4**

Indiana Code 13-14-8-4 requires that in adopting rules and establishing standards, the board shall take into account the following:

- 1) All existing physical conditions and the character of the area affected.
- 2) Past, present, and probable future uses of the area, including the character of the uses of surrounding areas.
- 3) Zoning classifications.
- 4) The nature of the existing air quality or existing water quality, as appropriate.
- 5) Technical feasibility, including the quality conditions that could be reasonably be achieved through coordinated control of all factors affecting the quality.
- 6) Economic reasonableness of measuring or reducing any particular type of pollution.
- 7) The right of all persons to an environment sufficiently uncontaminated as not to be injurious to:
  - (A) human, plant animal, or aquatic life; or
  - (B) the reasonable enjoyment of life and property.

### **Consistency with Federal Requirements**

The amended rules are consistent with federal rules.

### **IDEM Contact**

Additional information regarding this rulemaking